

60246-230; 10,741

IN THE CLAIMS

1. (Currently Amended) A compressor comprising:

a compressor pump unit for receiving a fluid to be compressed, and compressing the fluid, said compressor unit having at least two compression chambers, with said two compression chambers delivering a compressed refrigerant into a single discharge chamber defined in a discharge housing; and

at least one baffle plate within said discharge chamber and located between said two compression chambers, said two compression chambers each delivering compressed refrigerant to a separate discharge port, each said discharge port extending through a discharge plate, to deliver refrigerant compressed in said compression chambers to a location downstream of said discharge plate, and said baffle plate separating said refrigerant from each of said two compression chambers after said refrigerant has left said discharge ports, and maintaining separation of said refrigerant to a position downstream of said baffle plate.

2. (Currently Amended) The A-compressor as set forth in Claim 1, wherein said baffle plate generally bisects said discharge chamber.

3. (Currently Amended) The A-compressor as set forth in Claim 1, 2, wherein said compressor compression-pump unit is a screw compressor with a central drive screw and two side screws, with one of said two compression chambers being defined between said central screw and each of said side screws.

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4. (Currently Amended) ~~The A~~-compressor as set forth in Claim 1, wherein said discharge chamber is reduced in cross-sectional area from an upstream end adjacent said compression chambers to a downstream end.

5. (Currently Amended) ~~The A~~-compressor as set forth in Claim 1, wherein said compression chambers deliver a compressed fluid ~~through discharge ports in a discharge plate,~~ and into said single discharge chamber, with said discharge ports being located on opposed sides of said baffle plate.

6. (Original) A compressor comprising:

a screw compressor for receiving a fluid to be compressed, and compressing the fluid, said screw compressor unit having at least two compression chambers, wherein each of said compression chambers are defined between a central drive screw and one of an opposed side screw, said two compression chambers delivering a compressed refrigerant into a single discharge chamber defined in a discharge housing, said compression chambers delivering the compressed fluid through a discharge plate having associated discharge ports and into said single discharge chamber; and

a baffle plate within said discharge chamber and located between said two discharge ports, and said baffle plate generally bisecting said discharge chamber.

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7. (Currently Amended) The A-compressor as set forth in Claim 6, wherein said discharge port is reduced in cross-sectional area from an upstream end adjacent said compression chambers to a downstream end.

8. (New) The compressor as set forth in Claim 1, wherein said baffle plate contacts said discharge plate.

9. (New) The compressor as set forth in Claim 1, wherein said baffle plate extends generally parallel to a direction of flow through said discharge ports.

10. (New) A compressor comprising:

a compressor pump unit for receiving a fluid to be compressed, and compressing the fluid, said compressor unit having at least two compression chambers, with said two compression chambers delivering a compressed refrigerant into a single discharge chamber defined in a discharge housing;

at least one baffle plate within said discharge chamber and located between said two compression chambers; and

said compressor pump unit is a screw compressor with a central drive screw and two side screws, with one of said two compression chambers being defined between said central screw and each of said side screws.